Message from Program Chairs

SSIRI 2011

On behalf of the Technical Program Committee, welcome to the Fifth IEEE International Conference on Secure Software Integration and Reliability Improvement, held June 27 to June 29, 2011 in Jeju Island, Korea. SSIRI is the annual technical conference sponsored by the IEEE Reliability Society focusing on software security, safety and reliability. It allows both researchers and practitioners to present their on-going ideas, experiences, and outcomes for developing reliable and secure software in a more efficient way.

The core of the technical program is a careful selection of interesting and novel research papers chosen for presentation at the conference that you will find in the proceedings. In response to the call for papers, we received 56 submissions, which were evaluated on the basis of their significance, novelty, and technical quality. Each paper was reviewed by at least three members of the program committee. Of them, 18 were selected as regular papers for presentation at the conference, giving an acceptance rate of about 32.14%. Further, we selected 6 short papers describing potentially interesting work but not yet mature as regular papers to be presented in a dedicated session.

We further feature stimulating keynote speeches by Dr. Gerald Holtzmann (Jet Propulsion Laboratory, NASA, USA), Professor C.V. Ramamoorthy (University of California, Berkeley, USA), and Professor Michael Hinchey (Lero-the Irish Software Engineering Research Centre, Ireland).

In addition to the regular papers and short-paper sessions, we have a full schedule of workshops. The Program Chairs have selected five interesting workshops on Model-Based Verification & Validation (MVV), Safety and Security in Cyber-Physical Systems (SSCPS), Domain-Specific Dependable System Development (DSDSD), Model-Based Dependability Analysis (MBDA), and Software Safety in Practice: Industry Reports (SSPIR).

There is a long list of people who volunteered their time and energy to put together the conference and who deserve acknowledgment. Thanks to all members of the Technical Program Committee (TPC), and the external reviewers, for their hard work in evaluating and discussing papers, and their patience in supporting the nagging of TPC co-chairs.

We would like to thank the steering committee and the local organizer for their support. In particular, Professor Eric Wong’s prompt and helping hand was instrumental to the success of the conference. We are also very grateful to all other SSIRI'11 organizers whose work ensured a smooth organizational process.

Last but not least, our thanks go to all the authors who submitted papers and all the attendees. We hope you will enjoy the conference. See you at SSIRI'11.

SSIRI 2011 Program Co-chairs

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